

ZCZC719 25X1A

FTP423/3342345

BT

XXXXX

25X1A

OPCEN 583

OPCEN PAS

25X1A

SECRET 302339Z CITE

25X1A

PRIORITY

OXCART

SUBJECT: EVALUATION OF BLACK SHIELD MISSION, BX 6732

1. CAMERA TYPE I (115A) UNIT F WAS USED ON MISSION BX 6732.

THE MISSION WAS PROCESSED IN THE FIELD AND CONTAINS 882 TITLED FRAMES.

2. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION, HOWEVER, THE IMAGERY DOES NOT APPEAR QUITE AS SHARP AS SEEN ON PREVIOUS MISSIONS. IN PORTIONS OF THE MISSION WHERE THE VEHICLE WAS IN STRAIGHT AND LEVEL FLIGHT AND THE CAMERA WAS UNCAGED,

ESTIMATED GROUND RESOLUTIONS

WERE

25X1D

ACHIEVED ON BOTH THE FORWARD AND AFT MATERIAL. RESOLUTION STATEMENTS REFER TO IMAGERY IN THE NEAR VERTICAL PORTION OF THE FRAMES.

3. AFT FRAMES 34 THROUGH 2002/06/13 UNDEREXPOSED. OTHER FRAMES IN THE SAME AREA COVER 100 PERCENT WATER AND EXPOSURE CAN NOT BE

ACCURATELY EVALUATED. FORWARD FRAMES 533 THROUGH 575 ARE UNDER-EXPOSED. THE EXPOSURE OF THE REMAINDER OF THE MISSION IS ADEQUATE. THE PROCESSING IS SATISFACTORY.

4. A FAINT PLUS DENSITY STREAK IS PRESENT ONE INCH FROM THE DATA BLOCK EDGE, AND A SECOND STREAK ONE INCH FROM THE TITLED EDGE. THE STREAKS ARE INTERMITTENT THROUGHOUT THE MISSION AND NO DEGRADATION IS APPARENT. A BROWN CHEMICAL STAIN NEAR THE DATA BLOCK EDGE IS PRESENT BETWEEN FRAMES 75/76, 151/152, 225/226, 381/382, 379/380, AND 455/456. THE DATA BLOCK ENCROACHES INTO THE FORWARD CAMERA IMAGERY INTERMITTENTLY THROUGHOUT THE MISSION.

5. CLOUDS OBSCURE 40 PERCENT OF THE MISSION. GROUND HAZE IS MINIMAL AND IN CLOUD FREE AREAS, FAIR QUALITY PHOTOGRAPHY IS AVAILABLE.

6. THE ZERO PRIORITY REPRODUCTIONS AND REGULAR REPRODUCTIONS APPEAR TO BE OF EQUAL QUALITY.

7. THE INS TAPE TO FILM CORRELATION WAS SATISFACTORY. THE LATITUDE AND LONGITUDE HAVE A BIAS OF 12 TO 14 MINUTES OF ARC. THE VELOCITY HAS A CONSTANT BIAS OF 532 KNOTS. THE TIME HAS A BIAS OF ONE SECOND.

S E C R E T

BT

~~SECRET~~ NAR
Gy St Dcom